U.S. ENVIRONMENTAL PROTECTION AGENCY POLLUTION/SITUATION REPORT

Fruitland Magnesium Fire Incident - Removal Polrep

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY Region IX

Subject: POLREP #2

Clean and Response Activities Fruitland Magnesium Fire Incident

Maywood, CA

Latitude: 33.9961640 Longitude: -118.2011630

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From: Robert Wise, OSC

Date: 6/21/2016

Reporting

06/19-20/2016

Period:

1. Introduction

1.1 Background

Site Number: Contract Number:

D.O. Action Memo

Number: Date:

Response CERCLA **Response Type:** Emergency

Authority:

Response EPA Incident Removal Lead: Category: Action

NPL Status: Non **Operable Unit:**

NPL

Mobilization 6/14/2016 **Start Date:** 6/14/2016

Date:

Demob Date: Completion Date:

CERCLIS RCRIS ID:

ID:

ERNS No.: State Notification: FPN#: Reimbursable

Account #:

1.1.1 Incident Category

Magnesium fire at a metal recycling and stripping company.

1.1.2 Site Description

On June 14, 2016 at approximately 0200 hours, a fire started at Panda International Trading (PIT) located at 3570 Fruitland Ave., Maywood, CA. Fruitland Ave. is a commercial/light manufacturing district. The facility holds

two businesses, PIT and SOKOR Metals. PIT is a scrap metal yard that send scrap metal out in bulk for recovery. SOKOR is a precious metals recovery operation that recovers precious metals from circuit boards and other electronics. The site originally consisted of several buildings, but all were destroyed in the fire.

During the fire approximately 300 people d Ex. 6 - Personal Privacy

rere evacuated.

Ex. 6 - Personal Privacy

The evacuation was lifted homes on the Ex. 6 - Personal Privacy
Street on June 16, 2016, by LACoFD. The homes of the
Ex. 6 - Personal Privacy at borders the site have remained evacuated due to the presence of ash throughout the properties. Approximately 31 families remain evacuated and are staying at a Red Cross Shelter.

1.1.2.1 Location

The site is located at 3570 Fruitland Ave., Maywood, Los Angeles Co., CA 90702 (Latitude: 33.9961640 Longitude: -118.2011630). On the southern fence line of the site is a residential neighborhood of single family homes. To the north, east and west is are light industry.

1.1.2.2 Description of Threat

See POLREP Nol 1.

1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

See POLREP No. 1.

2. Current Activities

2.1 Operations Section

2.1.1 Narrative

EPA has mobilized to an ongoing fire in Maywood, CA on June 14, 2016. The fire started early on the morning of June 14, 2016 at 3570 Fruitland Ave., Maywood CA. This address included a scrap metal export business and a precious metals recovery business. The fire ignited approximately 10,000 pounds of magnesium ingots stored at the scrap metal exporter. During firefighting operations, the magnesium exploded several times after contact with the firefighting water. Approximately 300 people were

evacuated from t Ex. 6 -	Personal Priv	acy Ma	aywood.
No injuries are reported bu			
Management District (AQN			
and are assessing possible t	oxic concern	is and resp	onding to
odor complaints. The EPA	initiated an	air sampli	ng program
that documented elevated le			
associated with smoke and	_		
including copper, zinc, chro			
The fire was extinguished b	y June 16, 2	016, but a	sh is
strewn throughout the neigh	borhood, or	surfaces	of
buildings, cars as well as in	yards and p	arking	
areas. Sampling by EPA ha	ve documen	ted that th	e ash
contains elevated levels of concentrations of other met	copper and z	inc_as_wel	l as trace
concentrations of other met	als. Homes	n Ex. 6 - Pe	rsonal Privacy
Street have been reoccupied	d but homes	on the Ex. 6	Personal Privacy
Ex. 6 - Personal Privacy	ain evacuate	d pending	safe
occupancy determinations l			
There are a total of 44 resid	ences that h	ave been s	ubject to
There are a total of 44 residuely relocation on the 17 parcels	Ex. 6	Personal Privacy	Γhis
represents approx 200 indiv	iduals. Repo	rtedly nea	arly all of
the properties were assessed			
remediated but exact numb			
confirmed.			
The Unified Command for	the site inclu	des EPA,	LACoFD
and LACoPH. There are a	number of c	poperating	agencies
as well. Command prioriti			
impacted public and elected			
stabilization, and property p	protection an	d mitigati	on (site
security).			
On June 16, 2016 OSC Rol			_
procurement authority to di			
conduct emergency remova			cipating in
an Unified Command with	HHMD and	LACoPH.	
0.1.0.D	D .		
2.1.2 Response Actions to	Date		
June 19, 2016			

Agencies Present: EPA, USCG, LACoFD, LACoPH, Vernon Fire Department (VFD), Vernon Police Department (VPD), Los Angeles Co. Sheriffs (LACoSD) and DTSC

Contractors Present: START, ERRS, \$ERAS

The ERRS contractor conducted decontamination of 52nd Street and cars on the north side of the street. The street was pressure washed and the cars were given a low pressure wash. The water was collected and placed in a frac tank staged in front of the site. The car's owners were provided vouchers for a car wash at a local facility. The ERRS contractor also pumped out contaminated water from the truck ramp on the facility.

The U.S. Coast Guard PST and IMAT has integrated into the Unified Command as the incident Site Safety Officer and the Planning Section Chief.

June 20, 2016

Agencies Present: EPA, USCG, LACoFD, LACoPH, VFD, VPD, LACoSD and DTSC

Contractors Present: START, ERRS, SERAS

The ERRS contractor began to manage the waste on the site to provide access into the site. EPA provided assistance to DTSC OCI in getting access to the site. Based on the visible observation of the ash at number of homes, EPA is beginning planning operations for residential cleanup operations.

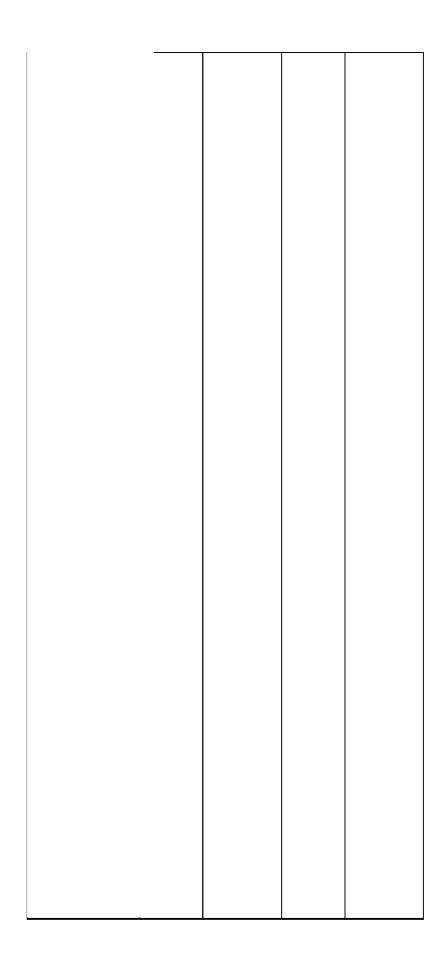
June 21. 2016

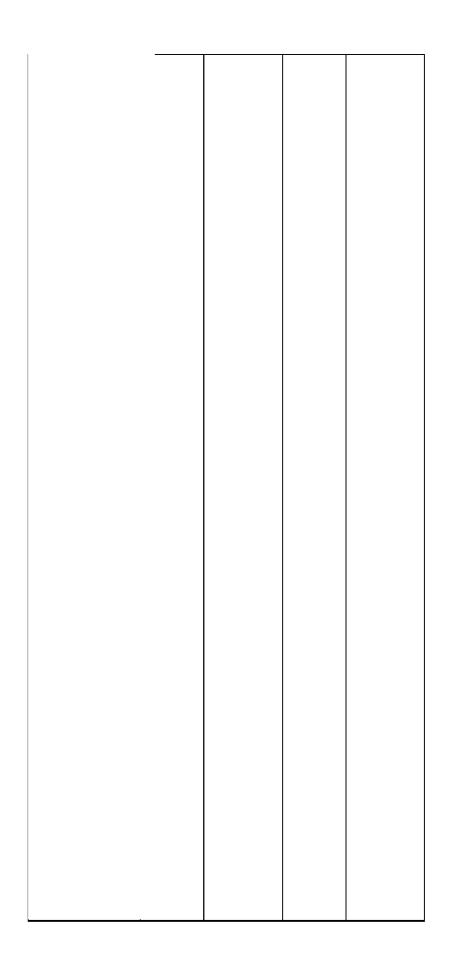
Agencies Present: EPA, USCG, LACoFD, LACoPH, VFD, VPD, LACoSD and DTSC

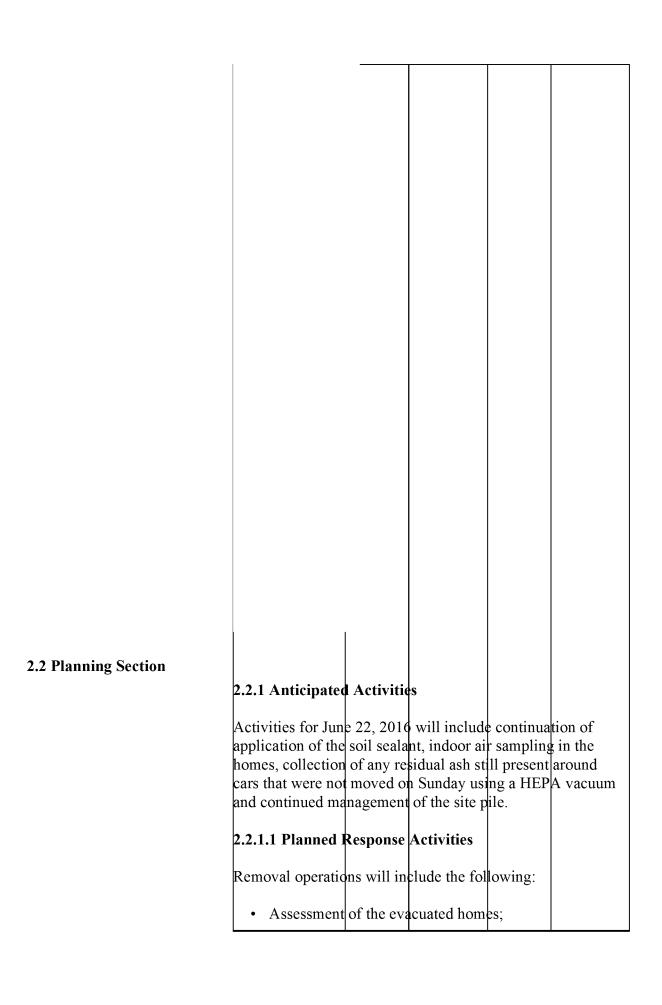
Contractors Present: START, ERRS, SERAS

Operations today include applying soil sealant to debris pile in the burn impacted area. Small pockets of ash will continue to be collected from streets in a touch up fashion. Property cleanup job walks (w ERR\$ contractors) are set to begin at most heavily impacted homes (approx 8) to establish yard cleanup plans.

Frac tank sar wastewater c acquisition s for particular homes and so The OSC has regional toxi	can be dis ystem) h tes aroun- oil sampl s requeste	scharg has bed d the j ing in	ed. A en es perin yare	A Vipe stablish neter. ds will	er sy: ned f Indo resu	stem (d for air n or air same ton	ata nonit ampl norre	coring ing in ow.
A public medevacuees. Through nextergency n	They are s Wednes	staying day u	g in 1der	a local auspic	hote	el will t f Count	e ex y	
2.1.3 Enforce Responsible OSC Wise is Mr. Pan on J requesting he June 17, 201 financial inar	Parties ssued a N fune 15, 2 e conduct 6 that he	(PRP otice of 2016 met clear	s) of Fotificity	ederal ying hi	Respons.	oonse A f his lia He rep	ctio bility lied	n to y and on
2.1.4 Progre	ess Metri	ics						
2.1.4 Progre Waste Stream	ı	T	anti	ity Mar #	nifes	t Trea	tmen	atDispo
Waste	ı	T	anti	-	uifes	t Trea	tmen	atDispo







• Decon	L	L	'	north side if
<u> </u>		ersonal Pri	ivacy	<u>,</u> þ.
Assessment	l	· ·	C .1	ļ.,
Removal of	nazardou: 	s substances	from the	site.
2.2.2 Issues				
level; and	g an action th ATSDR		H to esta	blish this
LACoPH is serving Unified Comman logistics for EPA				
See POLREP No was submitted an has been submitted	d approve d and has	d. A TO an been approv	nendment red.	for ERRS
Estimated Costs	Budgete	Date	Remaini	ng % Remaining
Extramural Co.	sts			
ERRS - Cleanup Contractor	\$400,000	.90 75,000.0	0\$225,000	.0056.25%
IAGs - PST	\$15,000.	00 \$0.00	\$15,000.	00100.00%
TAT/START	\$149,280	.909,202.00	\$70,078.	00 46.94%
Intramural Cos	ts			
USEPA - Direct	\$0.00	\$6,000.00	(\$6,000.0	0.00%
Total Site Costs	\$564,280	.90 60,202.0	0\$304,078	3.0053.89%

2.3 Logistics Section

2.4 Finance Section

^{*} The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific

figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

2.5 Other Command Staff

2.5.1 Safety Officer

The SSO is the PST.

2.5.2 Liaison Officer

The Liaison Officer is being staffed by LACoPH. The CIC function has been placed under the Liaison Officer. An EPA CIC has been dispatched.

2.5.3 Information Officer

The PIO for the site is LACoPH. A JIC has been set up onsite. EPA has deployed two press officers.

3. Participating Entities

3.1 Unified Command

The Unified Commanders are EPA, LACoFD HHMS and LACoPH.

3.2 Cooperating Agencies

DTSC, DPSS, LACOOEM, LACOSD, VFD, VPD, SCAQMD, LACOISD; DTSC, EPA CID, City of Maywood, City of Vernon.

4. Personnel On Site

June 19, 2016:

EPA OSC: 1

EPA ERT: 1

USCG PST: 1

USCG IMAT: 1

START: 3

SERAS: 2

ERRS: 9	
June 20, 2016:	
EPA OSC: 2	
EPA ERT: 1	
USCG PST: 1	
USCG IMAT: 1	
START: 3	
SERAS: 2	
ERRS: 9	
June 21, 2016:	
EPA OSC: 4	
EPA ERT: 1	
USCG PST: 1	
USCG IMAT: 2	
START: 3	
SERAS: 2	
ERRS: 9	
5. Definition of Terms AQMD: South Coast Air Quality Management Distict	
CERCLA: Comprehensive Environmental Response Compensation and Liability Act	
CFR: Code of Federal Regulations	
CIC: Community Information Coordinator	
Co.: County	

DPSS: Department of Public Social Services

DTSC: Department of Toxic Substance

EPA: Environmental Protection Agency

ERRS: Emergency and Rapid Removal Services (EPA Contractor)

ERT: Environmental Response Team

HCN: Hydrogen Cyanide

HHMD: Health Hazardous Materials Division

IMAT: Incident Management Team

LACoFD: Los Angeles County Fire Department

LACoOEM: Los Angeles County Office of Emergency Management

LACoPH: Los Angeles County Public Health

LACoSD: Los Angeles County Sheriff's Department

NCP: National Contingency Plan (40 CFR 300)

OSC: On--Scene Coordinator

OSHA: Occupational Safety and Health Administration

PEL: Permissible Exposure Limit

PES: Patriot Environmental Services

PRP: Potentially Responsible Party

PST: Pacific Strike Team

PIT: Panda International Trading Co.

RM: Removal Manager

SERAS: Science, Engineering, Response and Analytical Support contractor

SOKOR: SOKOR Metals

START: Superfund Technical Assessment Response Team contractor

TDD: Technical Direction Document

TO: Task Order

TTLC: Total Threshold Limit Concentration

USCG: US Coast Guard

VFD: Vernon Fire Department

VOCs: Volatile Organic Compounds

VPD: Vernon Police Department

XRF: X-Ray Fluorescence Spectrometer

6. Additional sources of information

6.1 Internet location of additional information/report

The website for this site is located www.epaosc.org/FruitlandMgFire.

6.2 Reporting Schedule

The next POLREP will be June 23, 2016.

7. Situational Reference Materials

See the IAPs in Documents Section.